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PTO/SB/21 (09-04)
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TRANSMITTAL **FORM**

22

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

are required to respond to a collection	on of information unless it displays a valid Olvib control number		
Application Number	10/774,706 February 9, 2004		
Filing Date			
First Named Inventor	Lester F. Lau		
Art Unit	1638		
Examiner Name	Popa, Ileana		
Attorney Docket Number	05031.0008.NPUS01		

ENCLOSURES (Check all that apply)				
Fee Transmittal Form	Drawing(s)	After Allowance Communication to TC		
. Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences		
Amendment/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
After Final	Petition to Convert to a Provisional Application	Proprietary Information		
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter Other Engleruse(s) (please Identify		
Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) (please Identify below): PTO/SB08B, two cited references		
Express Abandonment Request	Request for Refund	and return-receipt postcard.		
Information Disclosure Statement	CD, Number of CD(s) Landscape Table on CD			
Certified Copy of Priority Document(s) Remarks				
Response to Missing Parts/ Incomplete Application				
Response to Missing Parts under 37 CFR 1.52 or 1.53				
SIGNA	TURE OF APPLICANT, ATTORNEY, OR	AGENT		
Firm Name Howrey LLP				
Signature				
Printed name David W. Clough, Ph.D	.)			
Date March 28, 2006	Reg.	No. 36,107		
CERTIFICATE OF TRANSMISSION/MAILING				
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.				
Signature				
Typed or printed name David W. Clough Ph.D. Date March 28, 2006				
Typed or printed name David W. Clough, Ph.D. Date March 28, 2006				

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (12-04v2)
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	tive on 12/08	V2004. vriations Act, 2005 (H.R. 4818)		Complete if Kno	wn	<u> </u>
			Application Number	er 10/744,706		
FEE TRANSMITTAL For FY 2005		Filing Date	February 9,	February 9, 2004		
		First Named Inver	Lester F. La	Lester F. Lau		
MAR 91 LUG W			Examiner Name	Examiner Name Popa, Ileana		
Applicant claims so all e	nilly Status.	See 37 OFK 1.27	Art Unit	1638		
TOTAL OF PAY	MENT	\$180	Attorney Docket N	o. 105031.0008	NPUSO	
METHOD OF PAYMENT	Γ (check a	II that apply)				
Check Credit	Card 🔲	Money Order No	ne Other (ple	ease identify):		
Deposit Account D	eposit Accou	nt Number: <u>08-3038</u>	Deposit Acc	count Name:		
For the above-ident	ified deposi	t account, the Director is he	reby authorized to: (check all that apply)		
Charge fee(s)	indicated be	elow	Charge fe	ee(s) indicated below, e	xcept for th	e filing fee
Charge any ad	ditional fee	(s) or underpayments of fee	(s) 🔽	v overpayments	-	
under 37 CFR WARNING: Information on thi information and authorizatior	s form may	become public. Credit card in	nformation should not	be included on this form	ı. Provide cre	dit card
FEE CALCULATION						
1. BASIC FILING, SEA	•					
	FILING	FEES SEA Small Entity	RCH FEES	EXAMINATIO		
Application Type	Fee (\$)	Fee (\$) Fee (Small Entity \$) Fee (\$)	<u>5</u> Fee (\$)	mall Entity Fee (\$)	Fees Paid (\$)
Utility	300	. 150 500		200	100	
Design	200	100 100	50	130	65	
Plant	200	100 300) 150	160	80	
Reissue	300	150 500		600	300	
Provisional	200	100 0	0	0	0	**************************************
2. EXCESS CLAIM FEE		100 0	Ū	U		mall Entity
Fee Description	-0				Fee (\$)	Fee (\$)
Each claim over 20 (incl	uding Rei	ssues)			50	25
Each independent claim					200	100
Multiple dependent clair	ns	•			360	180
Total Claims	Extra C	laims <u>Fee (\$)</u> <u>F</u>	ees Paid (\$)	<u>M</u>	lultiple Depe	endent Claims
20 or HP	<u> </u>	x = <u>0</u>	·		Fee (\$)	Fee Paid (\$)
HP = highest number of total cl		=	ooo Doid (A)	_		
Indep. Claims - 3 or HP	Extra C		ees Paid (\$)			
- 3 or HP = x = = HP = highest number of independent claims paid for, if greater than 3						
3. APPLICATION SIZE		para tot, ii grouter titair e				
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer						
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50						
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) 31 - 100 = -0- /50= -0- (round up to a whole number) x -0- = -0-						
						
	ig surçnar	ge). Submission of Inte	ormation disclosur	<u>e statement</u>	<u></u>	\$180
SUBMITTED BY						
Signature	20/N		Registration No. 3 (Attorney/Agent)	6,107	Telepho	ne (312) 595-1408
Name (Print/Type) David	W. Cloud	h Ph.D			Date M	arch 28, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No.: 05031.0008.NPUS01

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Lester F. Lau

App. No.:

10/774,706

Conf. No.:

2022

Filing Date:

February 9, 2004

Title:

CCN1 TRANSGENIC ANIMALS

Art Unit:

1638

Examiner:

Popa, Ileana

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

03/28/06

Date

David W. Clough, Ph.D. Registration No. 36,107

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 and 1.98

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In compliance with 37 C.F.R. § 1.97 and the continuing duty of disclosure under 37 C.F.R. § 1.56, Applicants call to the attention of the Examiner the references listed on the attached Form PTO/SB/08B. It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08B be considered by the Examiner and made of record.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made. In accordance with 37 C.F.R. § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application and accompanied with the fee of \$180.00 set forth in §1.17(p), and hence is believed to be timely filed in accordance with 37 C.F.R. §1.97(c)(2). No other fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any additional fees under 37 C.F.R. §§1.16 to 1.21 be deemed

04/03/2006 EAREGAY1 00000027 083038 10774706

Application No. 10/774,706 Filed: February 9, 2004

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necessary for any reasons relating to this document, the Commissioner is hereby authorized to deduct the fees form Howrey Simon Arnold & White, LLP Deposit Account 08-3038 referencing the above-identified docket number.

Respectfully submitted,

HOWREY LLP

Dated: March 28, 2006

By:

David W. Clough, Ph.D. Registration No.: 36,107 Customer No.: 22930

HOWREY LLP 321 N. Clark Street, Suite 3400 Chicago, IL 60661 (312) 595-1239 (main) (312) 846-5621 (direct) (312) 595-2250 (fax)

PTO/SB/08B (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

(Use as many sheets as necessary)

of 1

Complete if Known		
Application Number	10/774,706	
Filing Date	February 9, 2004	
First Named Inventor	Lester F. Lau	
Group Art Unit	1638	
Examiner Name	Popa, Ileana	
Attorney Docket Number	05031.0008.NPUS01	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²	
	C30	International Search Report of PCT/US05/04354 dated December 27, 2005		
	C31	Mo, F., et al., "CRY61 (CCN1) Is Essential for Placental Development and Vascular Integrity," Molecular and Cellular Biology, Vol. 22, No. 24, pp. 8709-8720 (2002)		
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Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.